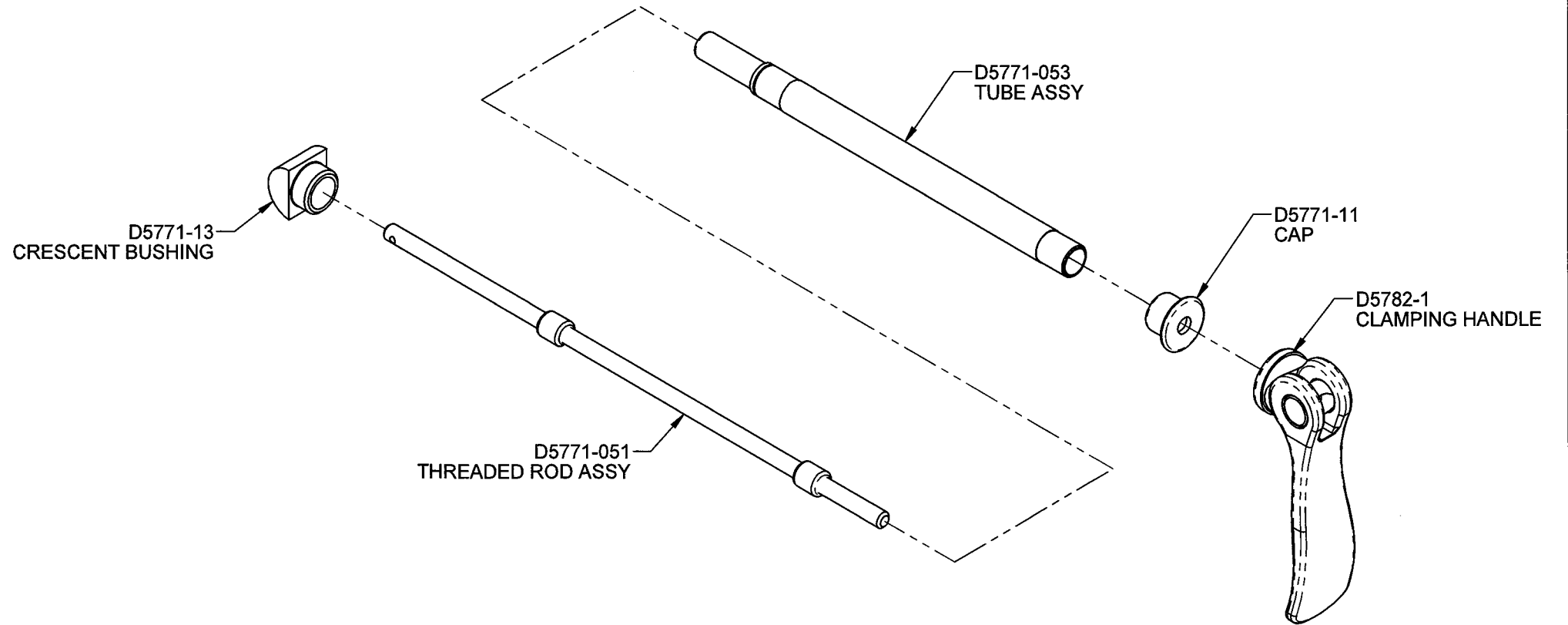


QTY -041	P/N	DESCRIPTION
X	D5771-041	CYCLIC FRICTION ASSY
1	D5771-051	THREADED ROD ASSY
1	D5771-053	TUBE ASSY
1	D5771-11	CAP
1	D5771-13	CRESCENT BUSHING
1	D5782-1	CLAMPING HANDLE



D5771-041 CYCLIC FRICTION ASSY
(DERIVED FROM AERO DESIGN P/N 95210-01)

UNDER REVIEW
ECR: HB ECR 298

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2020 JUN 08
ECN 2020-569

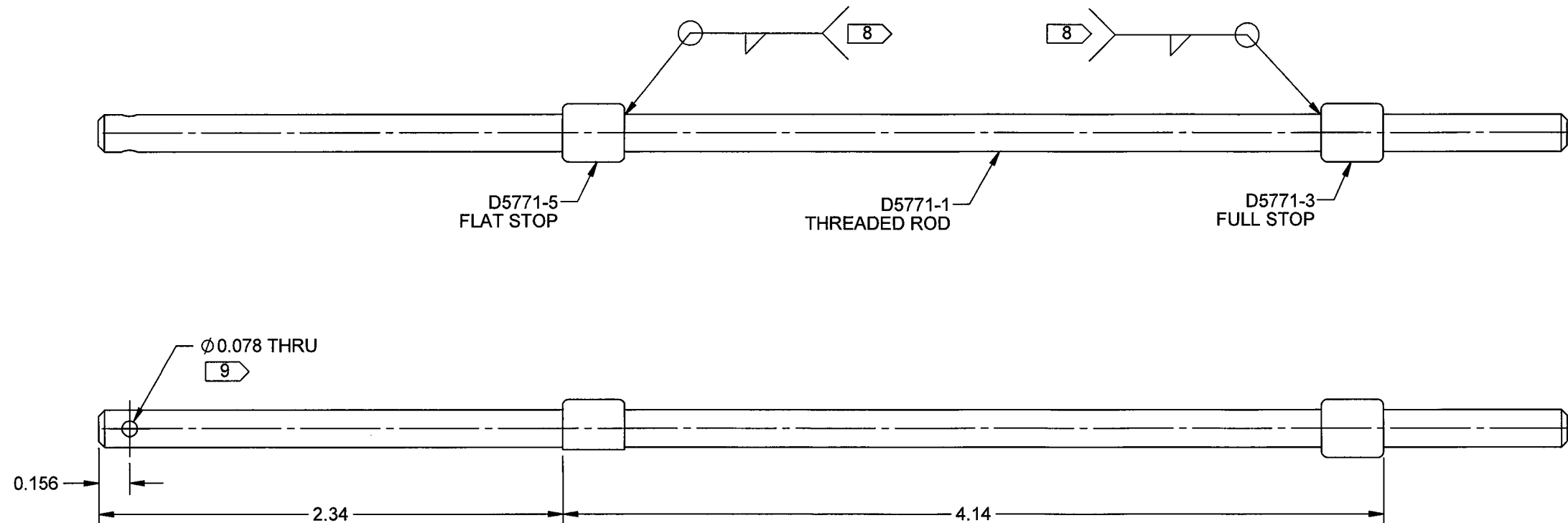
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 0.17 lbs
- 8) INSERT D5771-051 THREADED ROD ASSY INTO D5771-053 TUBE ASSEMBLY. ENSURE FLAT SIDE OF STOP ON THE D5771-051 THREADED ROD ASSY IS SEATED ON TAB INSIDE D5771-053 TUBE ASSY. PRESS D5771-11 CAP ONTO THE D5771-053 TUBE ASSY. THEN PRESS D5771-053 TUBE ASSEMBLY INTO D5771-13 CRESCENT BUSHING. ASSEMBLE D5782-1 CLAMPING HANDLE WITH D5771-051 THREADED ROD ASSEMBLY. DO NOT TIGHTEN

APPROVED

A	NEW ISSUE	ZF	20.03.26
REV.	DESCRIPTION	BY	DATE
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	ML	DRAWING NO.	REV. A
MFG. APPR.	DD	D5771	SHEET 1 OF 10
APPROVED	ML	TITLE	SCALE
DE APPR.	DS	CYCLIC FRICTION ASSY	NTS
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QTY -051	P/N	DESCRIPTION
X	D5771-051	THREADED ROD ASSY
1	D5771-1	THREADED ROD
1	D5771-3	FULL STOP
1	D5771-5	FLAT STOP



D5771-051 THREADED ROD ASSY
(DERIVED FROM AERO DESIGN P/N 95212-01)

RELEASED

2020 JUN 08

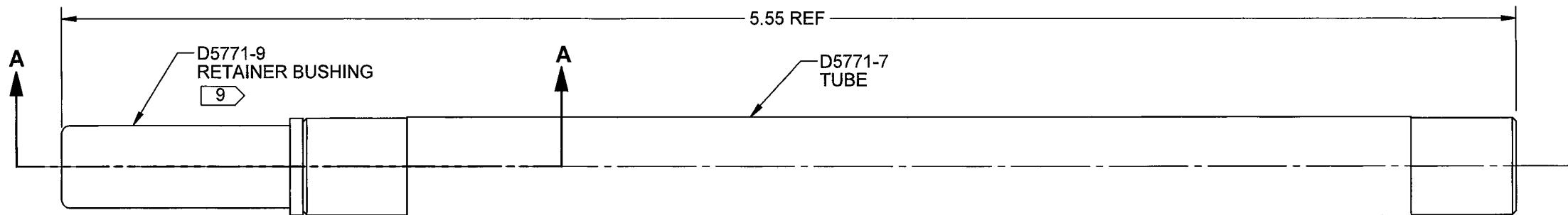
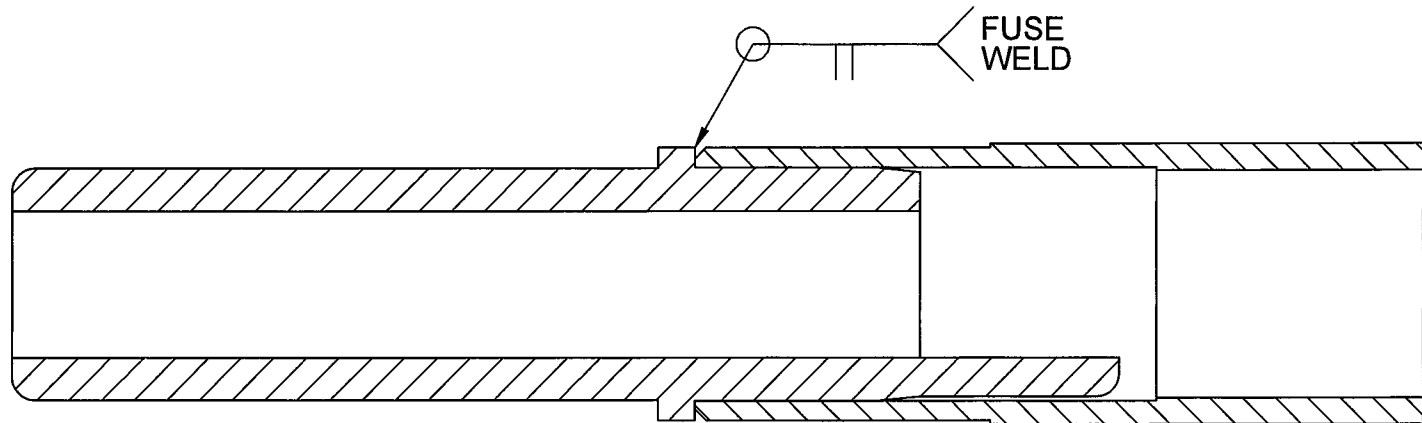
UNDER REVIEW
ECR: HB ECR 298

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: PER DART QSI 044
 - 7) WEIGHT: 0.07 lbs
 - 8) FUSE WELD PER QSI 004
OR SILVER BRAZE PER AC43.13-1B, SECTION 4-88 USING AWS A5.8 BAG-24 SILVER BRAZING ALLOY OR EQUIVALENT AND AWS A5.31 FB3C
FLUX OR EQUIVALENT APPLY FLUX TO PARTS AND BRAZING ALLOY
 - 9) HOLE ORIENTATION IS NOT CRITICAL

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CHECKED	ML	DRAWING NO.	REV. A
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QTY -053	P/N	DESCRIPTION
X	D5771-053	TUBE ASSY
1	D5771-7	TUBE
1	D5771-9	RETAINER BUSHING



D5771-053 TUBE ASSY
(DERIVED FROM AERO DESIGN P/N 95214-01)

UNDER REVIEW
ECR: HB ECR 298

NOTES:

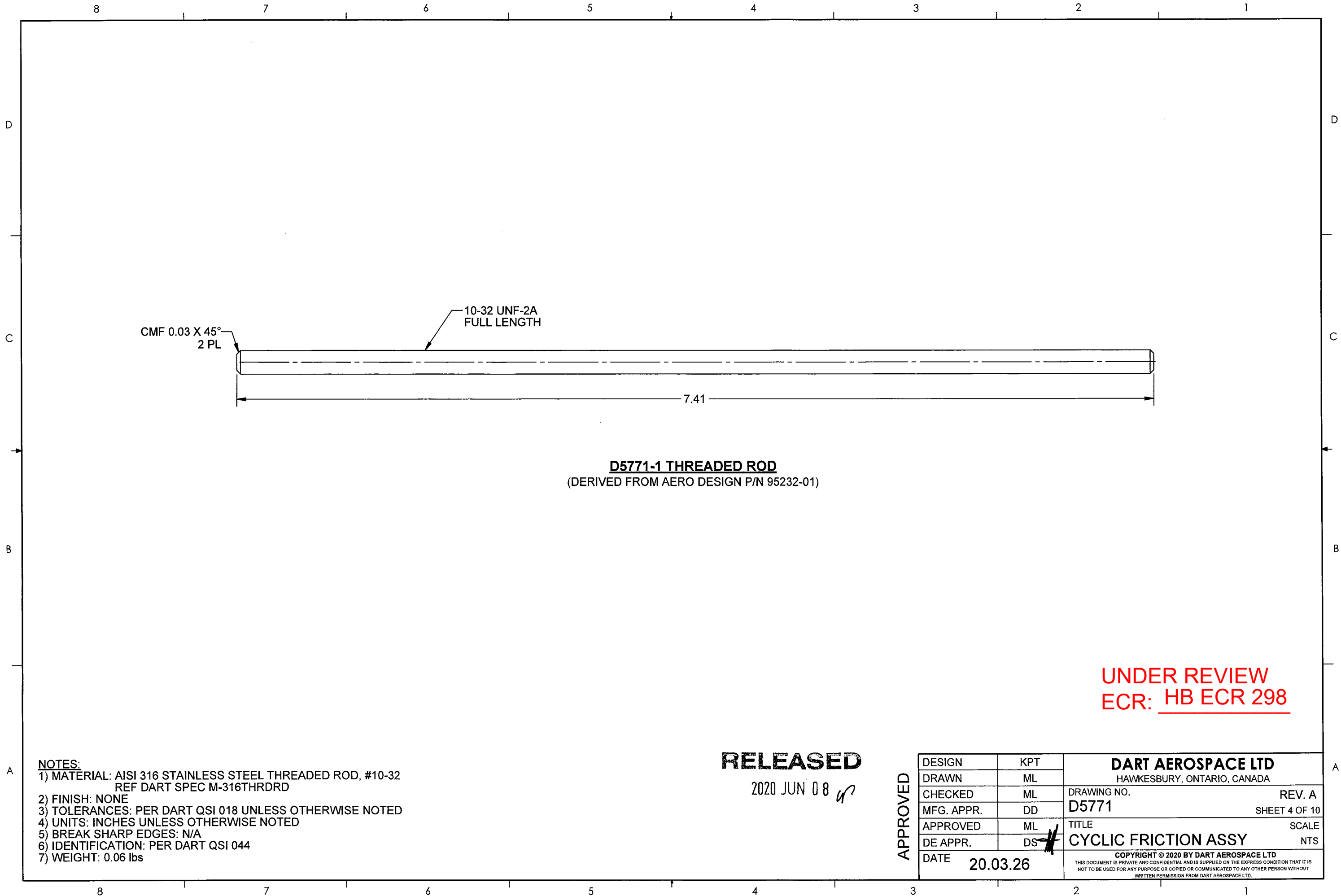
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 0.06 lbs
- 8) WELD PER DART QSI 004
- 9) PRESS RETAINER BUSHING INTO TUBE PRIOR TO WELDING

RELEASED

2020 JUN 08 *af*

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D5771-1 THREADED ROD
(DERIVED FROM AERO DESIGN P/N 95232-01)

UNDER REVIEW
ECR: HB ECR 298

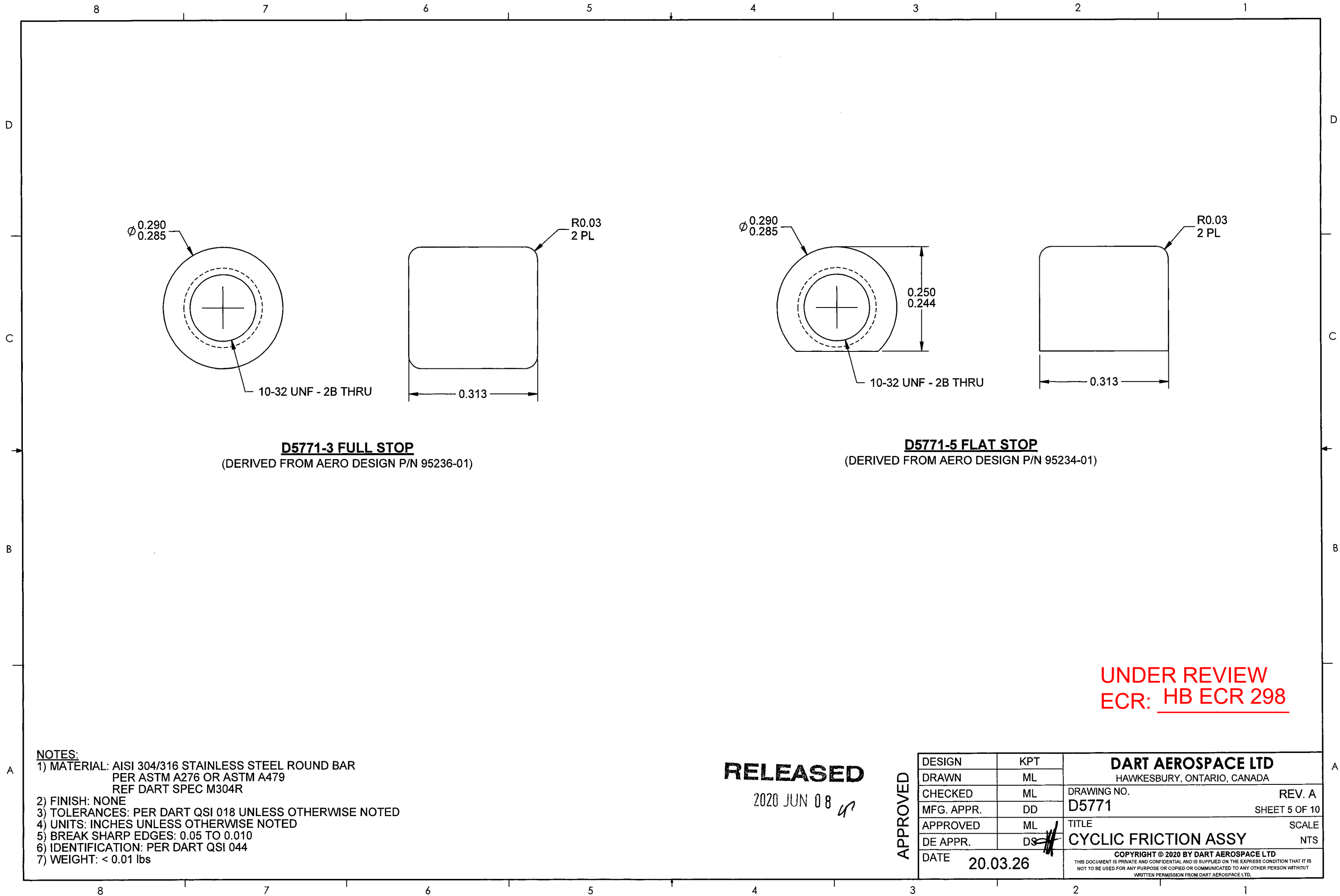
- NOTES:**
- 1) MATERIAL: AISI 316 STAINLESS STEEL THREADED ROD, #10-32
REF DART SPEC M-316THRRD
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: PER DART QSI 044
 - 7) WEIGHT: 0.06 lbs

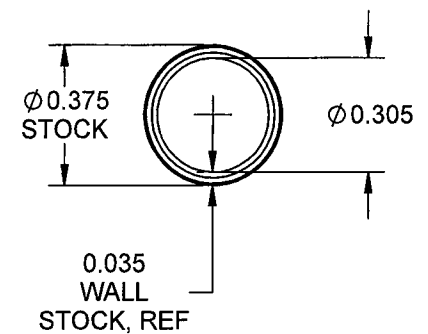
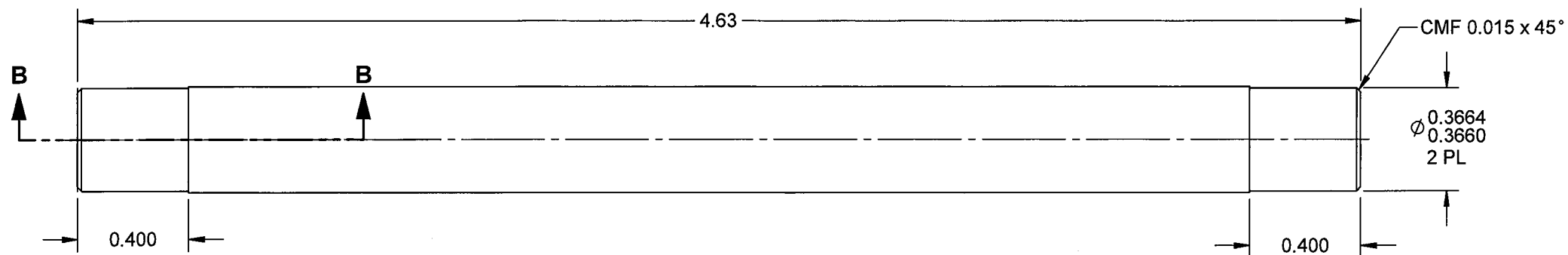
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2020 JUN 08 *ur*

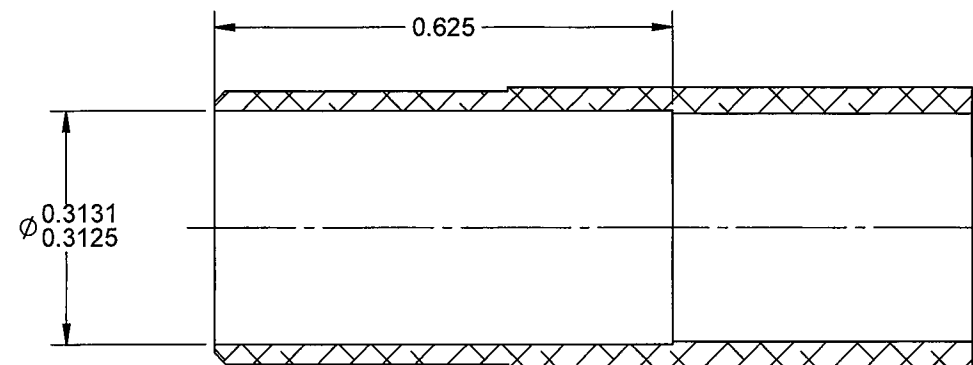
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D5771-7 TUBE
(DERIVED FROM AERO DESIGN P/N 95220-01)



SECTION B-B
SCALE 2X

UNDER REVIEW
ECR: HB ECR 298

RELEASED

2020 JUN 08

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND TUBING, 3/8 OD X 0.035 WALL
PER ASTM A213 OR ASME SA213 PR ASTM A269
REF DART SPEC M304TR
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 0.05 lbs

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8 7 6 5 4 3 2 1

D

D

C

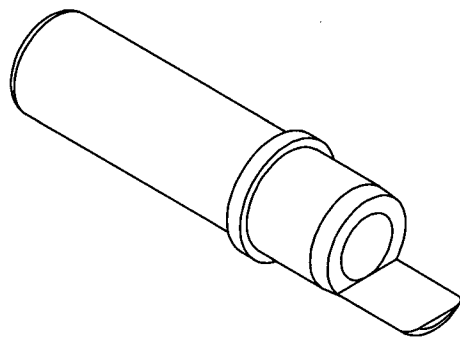
C

B

B

A

A

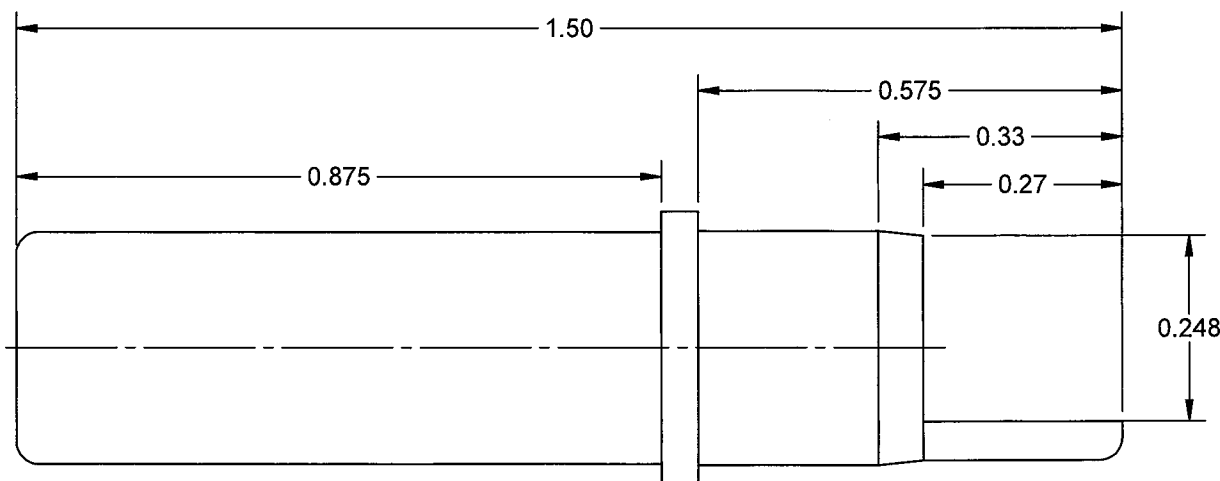
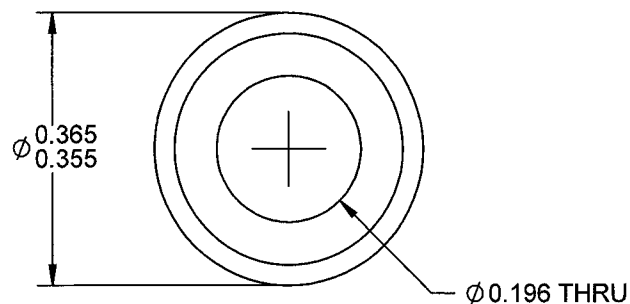


R0.03
2 PL

ϕ 0.310
0.300

ϕ 0.3139
0.3135

ϕ 0.300
0.295



D5771-9 RETAINER BUSHING
(DERIVED FROM AERO DESIGN P/N 95222-01)

UNDER REVIEW
ECR: HB ECR 298

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR
PER ASTM A276 OR ASTM A479
REF DART SPEC M304R
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.05 TO 0.010
 - 6) IDENTIFICATION: PER DART QSI 044
 - 7) WEIGHT: 0.02 lbs

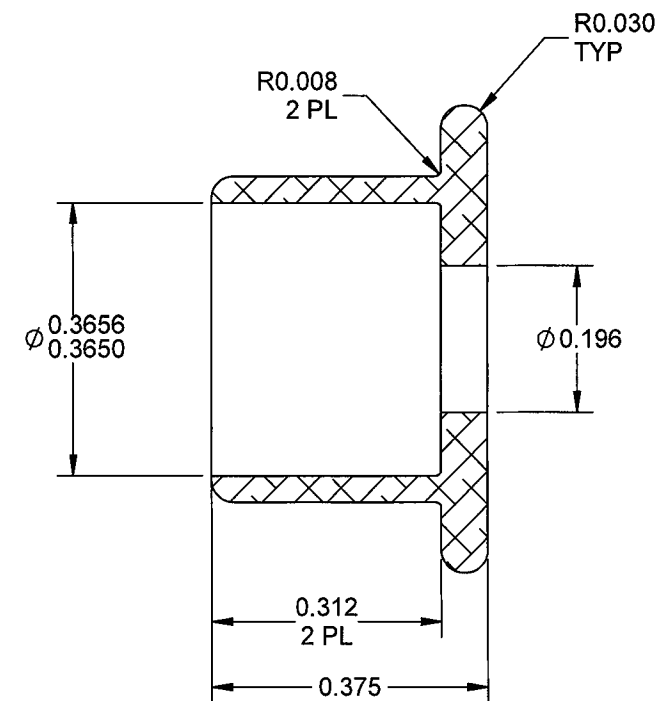
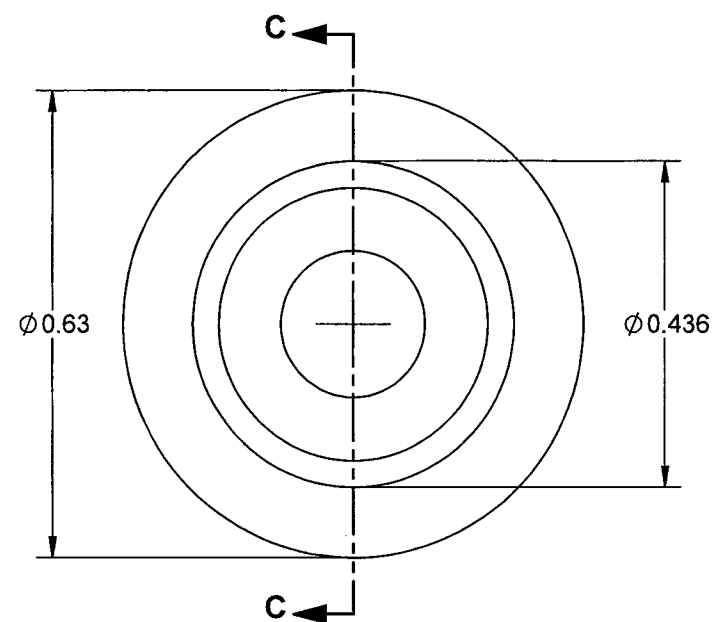
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8 7 6 5 4 3 2 1



SECTION C-C

D5771-11 CAP

(DERIVED FROM AERO DESIGN P/N 95224-01)

UNDER REVIEW
ECR: HB ECR 298

NOTES:

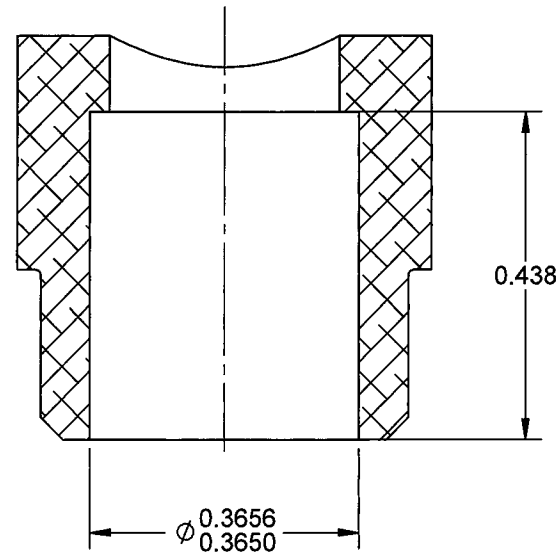
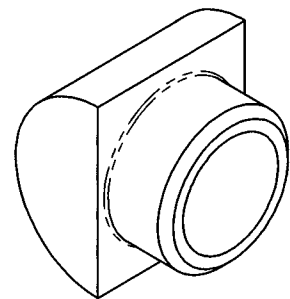
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR
PER ASTM A276 OR ASTM A479
REF DART SPEC M304R OR
AISI 303 STAINLESS STEEL ROUND BAR
PER ASTM A582
REF DART SPEC M303R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.05 TO 0.010
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 0.01 lbs

RELEASED

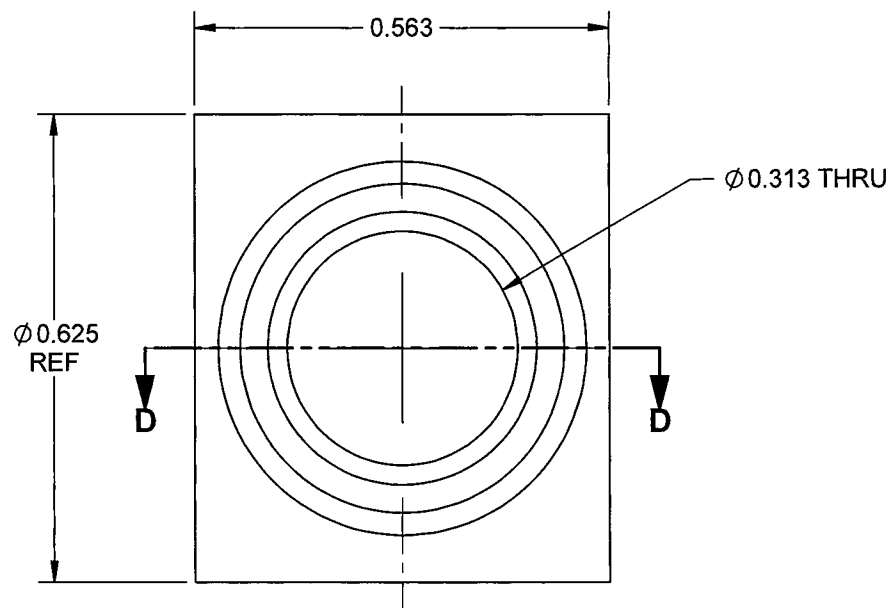
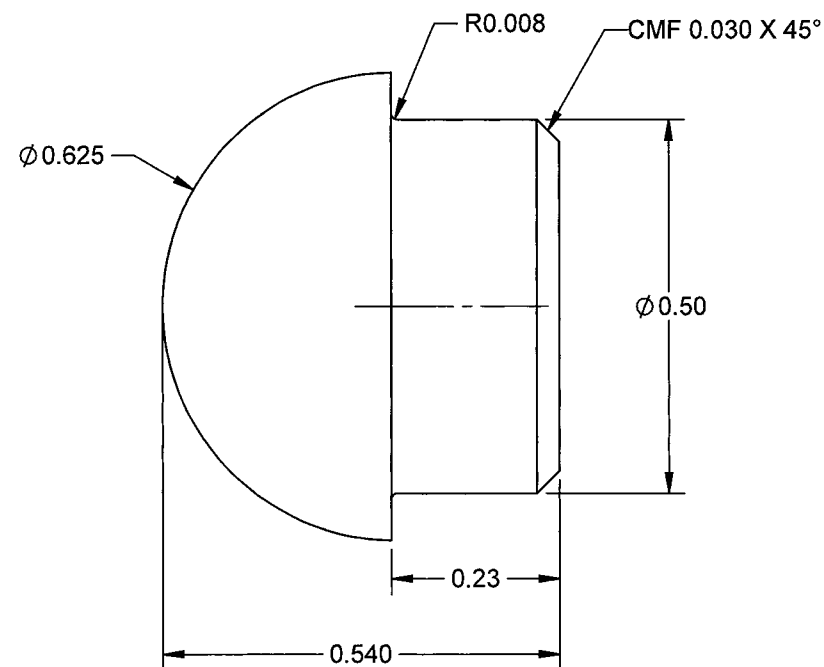
2020 JUN 08 *qf*

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SECTION D-D



D5771-13 CRESCENT BUSHING
(DERIVED FROM AERO DESIGN P/N 95226-01)

UNDER REVIEW
ECR: HB ECR 298

NOTES:

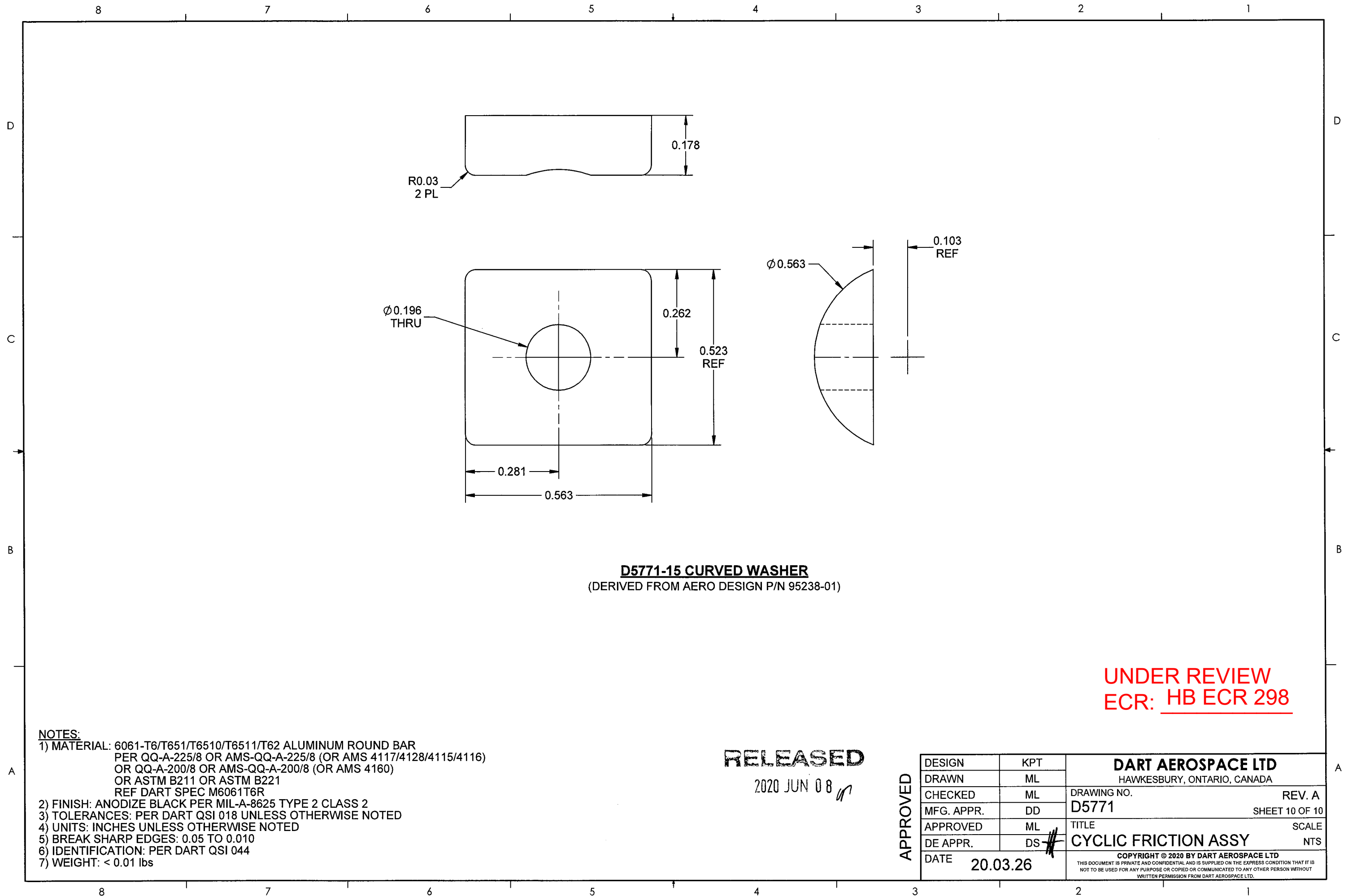
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6R
- 2) FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE 2 CLASS 2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.05 TO 0.010
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 0.01 lbs

RELEASED

2020 JUN 08

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DRAWN	ML		
CHECKED	ML	DRAWING NO.	REV. A
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D5771-15 CURVED WASHER
(DERIVED FROM AERO DESIGN P/N 95238-01)

UNDER REVIEW
ECR: HB ECR 298

- NOTES:**
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6R
 - 2) FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE 2 CLASS 2
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.05 TO 0.010
 - 6) IDENTIFICATION: PER DART QSI 044
 - 7) WEIGHT: < 0.01 lbs

RELEASED
2020 JUN 08

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CHECKED	ML	DRAWING NO. D5771	REV. A
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